Index of Claims

| Application No.  | Applicant(s)     |  |
|------------------|------------------|--|
| 10/071,006       | FETTERMAN ET AL. |  |
| Examiner         | Art Unit         |  |
| Chester T. Barry | 1724             |  |

| / | Rejected | _ | (Through nu<br>Cancell |
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|   | Allowed  | _ | Dantwint               |

| (Through numeral)<br>Cancelled | N | Non-Elected  |
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| Restricted                     | ı | Interference |

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| Cla                    | aim        |              |                 |          | [        | Date       | 9      |               |          | ][       | Cla   | aim      |           |          |         | Date          |         |                                    |     | :[   | Cla   | aim      |          |          |         | D            | ate          |          |          |          |          |
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|                        | <u></u>    |              |                 |          |          |            |        |               |          |          |       | <u> </u> |           |          |         |               |         |                                    |     |      | T     | <u></u>  |          |          |         |              | ſ            | I        |          |          |          |
| Final                  | Original   | l            |                 |          |          |            |        |               |          |          | Final | Original | 1         |          |         |               |         | 1                                  |     |      | Final | Original |          |          |         |              |              |          |          |          | - 1      |
| ΙĒ                     | <u>`</u> Ĕ |              |                 |          | - 1      |            |        |               |          |          | ίΞ    | Ĕ        |           | .        | - 1     |               |         |                                    |     |      | iĒ    | Ę,       |          |          |         | -            |              |          |          |          | - 1      |
|                        |            | 1.1          |                 |          | _        |            |        |               |          |          |       |          | Ш         |          | .       |               |         |                                    |     | ii L |       |          |          |          |         | _            |              |          | _        |          | ╝        |
|                        | 1          | N            | Ш               | $\perp$  | _        |            |        |               |          |          |       | 51       |           |          |         |               |         |                                    |     |      |       | 101      |          |          |         |              |              |          |          |          | $\Box$   |
|                        | 2          | 1            |                 |          |          |            |        |               | -        |          |       | 52       |           |          | .       |               |         |                                    |     |      |       | 102      |          |          |         |              |              |          |          |          |          |
|                        | 3          |              |                 |          |          |            |        |               |          |          |       | 53       |           |          |         |               |         |                                    |     |      |       | 103      |          |          |         |              |              |          |          |          | $\Box$   |
|                        | 4          | Ш            |                 |          |          |            |        |               |          | ]        | ,     | 54       |           |          |         |               |         |                                    |     | iL   |       | 104      |          |          |         |              |              |          |          |          |          |
|                        | 5          | N            | L               |          |          |            |        |               |          |          |       | 55       |           |          |         |               |         |                                    |     | i:[  |       | 105      |          |          |         |              |              |          |          |          |          |
|                        | 6          | 1            |                 | $\perp$  |          |            |        |               |          |          |       | 56       |           |          |         |               |         |                                    |     | ::L  |       | 106      |          | - 1      |         |              |              |          |          |          |          |
|                        | 7          | 11           | Ш               |          |          |            |        | Ш             |          |          |       | 57       | Ш         |          | $\perp$ | $\perp \perp$ |         | $\perp$                            |     |      |       | 107      |          |          | $\perp$ | $\perp$      |              |          |          |          | _        |
|                        | 8          | Ц            | Ш               |          |          |            |        | Ш             |          |          |       | 58       | $\square$ |          |         | ot            |         | $\bot$                             | !!! | L    |       | 108      |          |          |         | $\perp$      |              |          |          |          |          |
|                        | 9          | Ц            | Ш               |          |          |            |        |               |          | ]        |       | 59       | Ш         | _        | _       | 1             |         |                                    |     | L    |       | 109      |          |          |         | $\perp$      |              |          |          |          |          |
|                        | 10         | Ц            | Ш               |          |          |            |        | Ш             |          |          |       | 60       |           | _        |         |               |         |                                    |     |      |       | 110      |          |          | $\perp$ | $\perp$      |              |          | l        |          |          |
|                        | 11         | Ц            | $\perp$         | _        |          |            |        |               |          | J        |       | 61       | $\sqcup$  |          |         | $\bot$        |         |                                    | _   | L    |       | 111      |          |          |         | ┸            |              |          |          |          |          |
|                        | 12         | V            | $\sqcup$        |          | _        |            |        | $\sqcup$      |          | <b>.</b> |       | 62       | $\sqcup$  |          |         | ot            |         | $\perp$                            | _   | L    | ]     | 112      |          |          |         |              |              |          | $\prod$  | $\perp$  | _]       |
|                        | 13         | C            |                 |          |          |            | Ш      |               |          | J        |       | 63       | Ш         | $\dashv$ |         | $\bot$        |         | $\perp$                            |     | ::L  |       | 113      |          | _        |         | $\perp$      | 1            | _        | _        | _        | $\Box$   |
|                        | 14         | C            | }_              | _        |          |            |        | $\sqcup$      |          |          |       | 64       | Ш         | _ļ       | $\perp$ |               |         | $\perp \perp$                      |     | L    |       | 114      |          | _        | $\perp$ | $\perp$      | $\perp$      | _        | _        | $\dashv$ | _        |
|                        | 15         | 0            |                 | _        |          |            |        |               |          |          |       | 65       | Ш         |          |         | $\perp \perp$ | _       | $\perp$                            |     |      |       | 115      |          |          | $\perp$ |              |              |          | _        | _        |          |
|                        | 16         | 6            | 4               | _        |          |            |        |               |          |          |       | 66       | $\sqcup$  |          |         | $\perp \perp$ |         | 44                                 |     |      |       | 116      |          | $\perp$  |         | $\perp$      | $\perp$      |          | $\perp$  | $\perp$  | Ш        |
|                        | 17         | V            | 1_1             |          |          |            | Ш      |               |          |          |       | 67       | $\Box$    | ·        |         |               |         |                                    |     |      |       | 117      |          |          | $\perp$ | $\perp$      | _            |          |          | $\perp$  |          |
|                        | 18         | V            | 1_              |          |          |            |        |               |          |          |       | 68       | $\Box$    | $\Box$   |         |               |         |                                    |     | L    |       | 118      |          |          |         |              | $\perp$      |          |          | $\perp$  |          |
|                        | 19         | 0            |                 |          |          |            |        |               |          |          |       | 69       |           |          |         |               | [_      |                                    |     | ii L |       | 119      | ĺ        |          |         |              |              |          |          |          |          |
|                        | 20         | ~            |                 |          |          |            |        |               |          |          |       | 70       |           |          |         |               |         |                                    |     |      |       | 120      |          |          |         |              | Ī            |          |          |          |          |
|                        | 21         |              |                 | $\perp$  |          |            |        | $\Box$        |          |          |       | 71       |           |          |         |               |         |                                    |     |      |       | 121      |          |          |         |              |              |          | -        |          |          |
|                        | 22         |              |                 | $\perp$  |          |            |        |               |          |          |       | 72       |           |          |         |               |         |                                    |     |      |       | 122      |          |          |         |              |              |          |          |          | П        |
|                        | 23         |              |                 |          |          |            |        |               | _l_      |          |       | 73       |           |          |         |               |         |                                    |     | Ŀ    |       | 123      |          |          |         |              |              |          |          |          |          |
|                        | 24         |              |                 |          | _        |            |        | Ш             |          |          |       | 74       |           |          |         |               |         |                                    |     | L    |       | 124      |          |          |         |              |              |          |          |          |          |
|                        | 25         |              |                 |          | _        |            |        | $\Box$        |          |          |       | 75       |           | $\perp$  |         |               |         |                                    |     | L    |       | 125      |          |          |         |              |              |          |          |          |          |
|                        | 26         | L            | 1_1             | _        |          |            | Ц      |               |          |          |       | 76       | Ш         |          |         |               |         |                                    | ::: |      |       | 126      |          |          |         |              |              |          |          |          |          |
|                        | 27         | ╙            |                 | _        |          |            |        | $\perp$       |          | ]        |       | 77       | Ш         |          |         |               |         |                                    |     | L    |       | 127      |          | $\perp$  |         |              | $\perp$      |          |          | $\perp$  | $\Box$   |
|                        | 28         | $oxed{oxed}$ | $\sqcup$        | _        |          |            | -      |               |          |          |       | 78       |           | _        |         | Ш             |         | $\perp \perp$                      |     |      |       | 128      |          |          | $\perp$ | $\perp$      | $\perp$      |          | $\perp$  | $\perp$  | ╝        |
|                        | 29         | _            | Ш               | _        | _        |            |        |               | _        | ]        |       | 79       |           | _        |         |               |         |                                    |     | L    |       | 129      |          | $\perp$  |         |              |              |          |          | $\perp$  |          |
|                        | 30         |              | $\sqcup$        | 4        | $\dashv$ |            |        |               |          |          |       | 80       | Ш         | _        |         | $\perp$       |         | $\perp$                            | ::: | Ŀ    |       | 130      |          | _        | $\perp$ | _            | _            |          | $\perp$  | $\perp$  | Ц        |
|                        | 31         | _            | ш               | _        | 4        |            |        | $\perp$       |          |          |       | 81       |           | _        | _ _     |               |         | $\perp$                            |     | L    |       | 131      | _        | _        | 4       |              | _            | _        | _        | _        | _        |
| L                      | 32         | _            | $\sqcup$        | _        | _        |            |        | $\sqsubseteq$ |          | 4        |       | 82       | Ш         | $\dashv$ |         | $\perp$       | _       | $\bot$                             | ::: | L    |       | 132      | $\dashv$ | $\perp$  |         | $\perp$      | $\perp$      |          |          | $\perp$  | $\Box$   |
| <u></u>                | 33         | _            | $\sqcup$        | _        | _        |            |        |               | _        | J        |       | 83       | $\sqcup$  |          |         | $\perp \perp$ | _       | 44                                 | ::: |      |       | 133      |          | $\perp$  |         | 4            | $\perp$      | _        | $\perp$  | $\dashv$ | Ц        |
| $\vdash$               | 34         | <u> </u>     | 1               | _        | 4        | $\Box$     |        | $\sqcup$      | _ _      | ļ:       |       | 84       | $\sqcup$  | _        |         | $\perp$       |         | 4-1                                | _   | L    | ]     | 134      |          | $\perp$  | 4       | $\perp$      | 4            | $\dashv$ |          | _        | Ц        |
| $\vdash$               | 35         | <u> </u>     |                 | $\dashv$ | _        | _          |        | $\sqcup$      |          |          |       | 85       | $\sqcup$  | _        |         | $\perp \perp$ |         | 4                                  |     | Ŀ    |       | 135      |          | $\perp$  | _       | $\perp$      | 4            | _        | $\perp$  | $\dashv$ | $\Box$   |
| $\vdash \vdash$        | 36         | _            |                 | _        | 4        | _          | *      | <b></b>       | - -      |          |       | 86       | $\sqcup$  | $\dashv$ |         | $\perp$       | _ _     | $\bot$                             | _   | ŀ    |       | 136      | _        | _        | 4       | $\perp$      | $\perp$      | ļ        |          | _        | _        |
| $\vdash$               | 37         | _            | $\vdash \vdash$ | _        |          | -          |        | $\sqcup$      | -        |          |       | 87       | $  \_  $  | _        | _ _     | 1-1           |         | 44                                 |     | ::L  |       | 137      | _        |          | $\perp$ | $\perp$      | $\downarrow$ |          |          | _        | $\perp$  |
| <u> </u>               | 38         | -            | $\vdash$        | $\dashv$ | 4        |            | _      | $\perp$       |          |          |       | 88       | $\sqcup$  | _        |         | $\perp \perp$ | $\perp$ | $\downarrow \downarrow \downarrow$ | _   |      |       | 138      |          | $\perp$  | $\bot$  |              | $\perp$      | _        |          | $\perp$  | _        |
|                        | 39         | L            | $\sqcup$        | _        | _        |            |        | $\sqcup$      | - -      |          |       | 89       | $\sqcup$  | _        |         | 1-1           | $\perp$ | $\perp \perp$                      | _   |      |       | 139      |          | $\perp$  | $\perp$ | _            | 4            |          |          |          | $\perp$  |
| <u> </u>               | 40         | <u> </u>     | +               | $\dashv$ | _        |            |        | $\vdash$      | -        | ļ        |       | 90       |           |          |         | $\perp$       | $\perp$ | +                                  | _   | Ļ    |       | 140      | _        | _        | _       | 4            | 4            | _        |          | _        | $\Box$   |
| $\vdash$               | 41         |              | $\sqcup$        |          | -        |            | $\Box$ | _             |          |          |       | 91       | $\sqcup$  | _        |         | +             |         | 44                                 | _   | 1    |       | 141      | _        | $\perp$  | $\bot$  | 4            | $\perp$      | _        |          | _        | _        |
| $\vdash$               | 42         | -            |                 | $\dashv$ | 4        |            | $\Box$ | _             | +        | ļ        |       | 92       | $\vdash$  | _        | $\perp$ | 1-1           |         | +                                  | _   | L    |       | 142      | _        | $\dashv$ | $\bot$  | _ _          | $\perp$      | _        | _        | _        | _        |
| $\vdash \vdash$        | 43         | -            | -               | $\dashv$ | -        | $\dashv$   |        |               | $\dashv$ | <b>∤</b> |       | 93       | $\sqcup$  | 4        | -       | +             |         |                                    | _   | L    |       | 143      | _        | 4        | -       | _            | 4            | _        | $\dashv$ | 4        | $\dashv$ |
| $\vdash$               | 44         | _            | $\vdash$        | -        | -        |            |        | 4             | +        | 1        |       | 94       | $\sqcup$  |          | +       | +             | - -     |                                    | _   | L    |       | 144      | _        | $\perp$  |         | $\downarrow$ | 4            | _        | _        | 4        | _        |
| $\vdash$               | 45         | <u> </u>     |                 |          |          | -          |        | -             |          | 1        |       | 95       |           |          | $\perp$ | +             |         | +                                  | _   | Ļ    |       | 145      | _        | _        | _       |              | 4            | _        | _        | 4        | 4        |
| $\vdash \vdash$        | 46         | $\vdash$     | $\vdash$        | -+       |          | _          |        | _             | _        |          |       | 96       | $\sqcup$  | _        | $\perp$ | +             |         | 44                                 | _   | L    |       | 146      | _        | $\perp$  |         | _            | 4            |          |          | $\perp$  | $\Box$   |
| $\vdash \vdash \vdash$ | 47         |              |                 | $\dashv$ | 4        |            |        | 1             | -        |          |       | 97       | Щ         | _        | _ _     | 44            | 1       | 4-+                                | _   | L    |       | 147      |          | $\perp$  |         | _            | 4            | _        | $\dashv$ | $\dashv$ | _        |
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| $\vdash \vdash$        | 49         | ⊢            | $\vdash$        | $\dashv$ | _        |            | _      | $\perp$       | +        |          |       | 99       | Щ         | _        |         | 4-4           |         | 44                                 | _ _ | L    |       | 149      |          | _        | $\perp$ | $\perp$      | $\perp$      | _        |          | _        | $\Box$   |
| ш                      | 50         |              |                 |          | _1       | $_{\perp}$ |        | L             |          | ]::::[   |       | 100      |           | - 1      | - 1     | 1 [           |         | 1 1                                |     |      |       | 150      | - 1      |          | - 1     |              |              |          | - [      | - 1      |          |